CHETAN GOLE

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SUMMARY

I am a lead software developer with over 10 years of hands-on experience in designing and building scalable, multi-tenant, distributed, SaaS products using Java and allied technologies, hosted on AWS Cloud.

SKILLS

- Java Platform
- Spring Framework: Core, Boot.
- Docker, Linux.
- Amazon Web Services (AWS)
- Multi-tenant, Cost-effective & Scalable, SaaS.
- Hands-on Coder, Technology Lead, and Enthusiast
- Basic knowledge of JavaScript and UI frameworks

- Microservices Architecture
- Algorithms & Data Structures
- Observability & Monitoring
- CI/CD & Automation, Python
- Serverless: AWS Lambda, SAM, Dynamo DB
- NoSQL & Relational DB.
- Robot Test Automation Framework

EXPERIENCE

JANUARY 2014 – PRESENT (7 YEARS 6 MONTHS)

Software Specialist / *SAS Research & Development Pvt Ltd, Pune*

Product: SAS Customer Intelligence 360 - www.sas.com/ci360

SAS CI360 is a cloud-based, multi-tenant, SaaS, multi-channel marketing solution to plan and execute marketing campaigns. Technically, it has over a hundred microservices with a multi-technology stack in all the levels serving thousands of tenants using multi-region deployment in AWS.

- One of the key stakeholders in architecture designs and decisions. I have made some key decisions and developments in laying the foundation of application architectures and technologies to be used.
- I do end to end development of a feature along with technical guidance to the team.
- Migrated many components of CI360 from monolith to microservices that saved a lot of costs.
- I was a key part of developing a couple of shared libraries and frameworks that are used across CI360. Received the "Valuable Contribution Recognition" award for this contribution in 2018.
- Developed a Cloud-based Connector Framework for CI360 that enables third-party integrations. Using this framework customers and consultants can enhance the CI360 features. It also allows integration with the on-premises application which was achieved using web sockets and an on-premises client. The Framework was awarded "360 Innovation" in 2019.
- Designed and developed a serverless event-driven micro-service using Java and AWS Lambda, that enables customers to export selective data from CI360 in a spreadsheet on an event or from the UI.

- I have a good understanding and knowledge of observability & monitoring tools and methodologies to detect anomalies like tenant starvation, persisted error occurrence, cost optimizations, and so on.
- I mentor and supervise a team of developers technically that includes helping them taking technical decisions, review their design and code.
- Lead and migrated a couple of on-premises features from classic SAS products to AWS cloud, considering various aspects of distributed cloud systems like multi-tenancy, scalability, etc.

Technologies: Java 9, Spring Framework, JPA, Docker, Junit, PostgreSQL JSONB, MySQL, Apache POI, AWS Lambda, AWS EC2, AWS ECS, AWS DynamoDB, AWS SQS, AWS SNS, AWS CloudFormation, AWS CloudWatch, Jenkins, Robot Framework, Python, Observability & Monitoring using Datadog.

MARCH 2011 – DECEMBER 2013 (2 YEARS 10 MONTHS)

Sr. Software Engineer / *Persistent Systems Limited.*
Product: Thermo Fisher Scientific- Ion Reporter - https://ionreporter.thermofisher.com/

Ion Reporter Software, a suite of bioinformatics tools, streamlines, and simplifies semiconductor sequencing. Technically, it is a cloud-hosted SaaS with a couple of microservices hosted on AWS.

- Developed various modules and features using Java, Spring, Hibernate, MySQL.

Technologies: Java 7, Spring MVC, MySQL, Hibernate, AWS EC2, Jenkins.

EDUCATION

Master of Computer Application - 2010, *Nagpur University*

Bachelor of Science in Computer Science - 2007, *Nagpur University*

OPEN-SOURCE CONTRIBUTIONS

For SAS Customer Intelligence 360, we developed an integration framework that enables easy integration with third-party solutions. I have developed a couple of sample connectors that are hosted on the official SAS GitHub profile, these connectors were built to show how easy it is to integrate any app with CI360.

- SAS CI360 Sample Connectors: https://github.com/sassoftware/ci360-connectors
- SAS CI360 Data Transfer Connector: https://github.com/sassoftware/ci360-data-transfer-connector

I created a Python-based Listener for the Robot Framework to ease the report viewing of Test Automation. The reports were pushed to the Microsoft Teams channel. The listener was developed as a part of "CI Innovation Days 2019" where everyone is free to develop anything for two days usually during US Holidays.

- Robot MS Teams Listener: https://github.com/chetangole/robot-framework-listener-ms-teams

WordPress is an open-source PHP based CMS; it has many features including a plugin framework, I developed two plugins for WordPress in PHP & JavaScript as an Open-Source contributor.

- WP Copy Protect: *30,000 + active installations:* http://wordpress.org/extend/plugins/wp-copyprotect/
- Smooth Scroll Links: *1,000 + active installations:* http://wordpress.org/extend/plugins/smooth-scrolling-links-ssl/